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## Maine Perspective

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# Maine Perspective

A PUBLICATION  
FOR THE  
UNIVERSITY OF  
MAINE

VOL. 4, NO. 20  
FEBRUARY 12, 1993



Photo by Monty Rand

## Bangor Business, Community Leaders Lead Local Fund-raising Efforts in the Capital Campaign

University of Maine President Fred Hutchinson has announced that a team of noted Bangor community and business leaders will spearhead local fund-raising efforts for the largest capital campaign in the University's history.

At a press conference kicking off the major gifts phase of the Campaign for Maine in Greater Bangor, Hutchinson emphasized the even greater role of private support in times of economic challenges and downsizing. "We can't afford to compromise quality educational opportunities for Maine citizens," he said.

The Greater Bangor volunteer leadership includes Leonard Minsky of Bangor, Robert Brandow of Hampden, Ralph Leonard of Old Town, Wilma Bradford of Bangor, and Malcolm Jones of Bangor. They will take their endorsement of the University to area businesses, industries and individuals to seek support in meeting the \$16.3 million goal for Greater Bangor. Minsky and Brandow explained why they endorse the campaign and accept the challenge of exceeding the goal.

*continued on page 10*

## AS&A Committee Focuses on Improving Teaching

Last month, nationally recognized author and educator L.H. Newcomb was on campus to present two seminars to faculty of the College of Applied Sciences and Agriculture. The next day, after returning to Ohio State University where he is associate dean and director of Academic Affairs, Newcomb wrote to University of Maine President Fred Hutchinson:

"I have noticed an exciting spirit among the (UM) faculty who have participated in these sessions. It persuades me that they are very serious about teaching and teaching well. Their creative ideas, their energetic approach and full-fledged commitment to the teaching enterprise is indeed refreshing.

"I have the chance to work with groups like this on many campuses in this country," Newcomb wrote. "Seldom do I find the spirit of excitement that was in evidence on your campus."

For decades, the College of Applied Sciences and Agriculture has had a Teaching Committee

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### In Perspective

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## South Campus Continues Operation Outreach Efforts

In an innovative twist on staff development, South Campus resident assistants and directors are being urged to "look beyond" their on-campus responsibilities and work as volunteers in the surrounding communities through Operation Outreach.

It is hoped that such volunteerism will not only heighten awareness to community needs, but encourage RAs to get other University of Maine students involved.

"It's real easy to get caught up in the daily life of University and forget there's another world out there," according to Peter DeWitt, assistant to the area director of South Campus, a division of Campus Living. "People need to realize there's a lot of needy people out there and agencies that survive on volunteerism."

"We're trying to do something different with staff development. To me, this is the perfect opportunity to look beyond, take some risks, make contact with people you usually don't meet. They benefit from lectures and that passive learning is important, but there's so much more that staff development can be. It's a nice change of pace to go out and be active and do something to benefit someone else at the same time."

*continued on page 7*

**The University of Maine wishes to thank the more than 1,232 employees who have contributed to the Family Phase of the Campaign for Maine, including those who wish to remain anonymous. To date, employee giving has exceeded \$1,045,086. The Family Phase continues through June 30, and not all employees have had opportunities to show their support. Those employees whose gifts come in after the publication of this list will be recognized in forthcoming issues.**

### THE COMPLETE PICTURE THE CAMPAIGN FOR MAINE



**Current and former UM faculty and staff donors to the Campaign for Maine include:**

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Among the South Campus RA and RD staff members coordinating Operation Outreach are, first row, left to right, Joseph Douin, Kerri Little, Pam Labonte, Joy Barresi and Tom McNeil, and second row, left to right, Sal Mena, Karyn Dieter, Terry Cyr, Anne LeMay, Laurie Stearns and Pete DeWitt.  
Photo by Monty Rand.

## Global Semester

Activities and Events Scheduled in Conjunction with the Inauguration of Frederick Hutchinson  
President of the University of Maine



### MARCH 2

#### **"The Greening of Swedish Agricultural Policy in an International Setting"**

A lecture by David Vail, professor of economics, Bowdoin College, 7 p.m., 100 Nutting Hall

### MARCH 29

#### **Colloquium of the North American Free Trade Agreement**

A panel discussion with Jeff Faux, president, Economic Policy Institute; Rachel McCulloch, professor of economics, Brandeis University; James Breece, UM associate professor of economics; Peter Morici, UM professor of economics and director, Canadian-American Center; Robert Prasch, UM assistant professor of economics, 11 a.m.-12:30 p.m., Hutchins Concert Hall

### APRIL 28

#### **Women in the Global Economy**

A lecture with discussion by Joann Kovach, UM instructor in anthropology, 12:15-1:30 p.m., Bangor Lounges, Union

**All members of the University Community planning activities and events with a Global Semester theme are urged to contact Mark Anderson, x3228.**

## Maine Perspective

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*University of*  
**Maine**

# U Maine Calendar

FEB. 15-MARCH 1

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to: *Maine Perspective* Calendar, Public Affairs. Calendar of events listings MUST be type-written and should be sent AT LEAST TWO WEEKS in advance. Deadline for each issue: 9 a.m. Friday. For more information, call x3745.

## Last Minute Note:

**"Starting with Nothing: Preparing Students for Fieldwork,"** by Sandy Ives, part of the Risky Business Spring Program, 12:15-1:30 p.m., Feb. 12, Thomson Honors Center Library. x3264.

## 15 Monday

**"Mutations in Virulence Plasmid pJMI That Block Iron Uptake and Lower Virulence of the Marine Fish Pathogen *Vibrio anguillarum* 775,"** an oral exam by Katherine Ann Schmidt, candidate for Ph.D. in microbiology, 9 p.m., Feb. 15, 206 Rogers Hall.

**Formatting Excel Documents & Charting,** part of CIT's Mac training for faculty, students & staff, 9-11 a.m., Feb. 15, 124 Barrows Hall. Registration. x1638.

**"Professional Telephone Skills: You are the Voice of Your Organization,"** a Management Programs seminar by Liz Ashe, training director, Affiliated Healthcare Systems, 9 a.m.-4 p.m., Feb. 15, Wells Commons Lounge. Admission. x3361.

**"Understanding and Managing Wildlife on a Barrier Beach in Massachusetts,"** by Dave Rimmer, biologist, Trustees of Reservations, Ipswich, Mass., part of the Wildlife Seminar Series, noon, Feb. 15, 204 Nutting Hall. x2862.

**Faces of the Enemy,** part of the Video Lunch Series, noon, Feb. 15, Bangor Lounge, Union. x1734.

**"A Patent Perspective on Historical Innovations Leading to the General-Purpose Digital Computer,"** by Dan Kane, patent attorney, Fenton, Chapman, Fenton, Smith & Kane, Bar Harbor, part of the Computer Science Department Seminar Series, 4:10 p.m., Feb. 15, 130 Barrows Hall. x3940.

**Women's Ice Hockey vs. RPI,** 7:30 p.m., Feb. 15, Sockalexis Arena. Admission. xBEAR.

**Men's Basketball vs. University of Buffalo,** 7:30 p.m., Feb. 15, Alford Arena. Admission. xBEAR.

## 16 Tuesday

**Do-It-Yourself Database Searching Workshop** for Science & Engineering faculty, staff, and students, 10-11 a.m., Feb. 16, Science & Engineering Center, Fogler Library. Registration. x1678.

**Third Annual Games Day** for children grades 1-6, part of the Hudson Museum's Just for Kids series, 10 a.m., Feb. 16, Maine Center for the Arts. Registration. x1901.

**"Initial Ab Initio Investigations,"** by Raymond Fort, part of the Chemistry Seminar Series, 11 a.m., Feb. 16, 316 Aubert Hall. x1169.

The Credit Union will be having its  
26th Annual Meeting  
February 17, at 4:30 p.m.,  
Doris Twitchell Allen Village  
Be sure to join us!

**"Maine's Health Objectives for the Year 2000,"** by Deborah Deatrack, Edmund S. Muskie Institute of Public Affairs, USM, part of the Healthspeak Luncheon Series, 12:20-1:30 p.m., Feb. 16, Bangor Lounges, Union. x4194.

**"Ornamental Grasses,"** by a representative from Quansett Nurseries, Cape Cod, part of the Landscape Horticulture Club speaker series, 6 p.m., Feb. 16, 113 Deering Hall. 827-3634.

**"Welcome to Reality,"** a two-hour Career Center seminar by Theodore Stanton, director of recruiting, John Hancock Financial Services, 6-8 p.m., Feb. 16, Bangor Lounges, Union. x1359.

**"The University of Maine's Waste Management Programs,"** an Environmental Theater talk, 7 p.m., Feb. 16, 101 Neville Hall. x1734.

## 17 Wednesday

**WP5.1 Tables,** part of CIT's DOS-software training for faculty & staff, 8:30-10 a.m., Feb. 17, 255 Stevens Hall. Registration. x1638.

**WP5.1 Newsletter & Graphics,** part of CIT's DOS-software training for faculty & staff, 10:30 a.m.-noon, Feb. 17, 255 Stevens Hall. Registration. x1638.

**"Women's Studies and Student Internships,"** presented by a panel of students and agency supervisors, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Feb. 17, Bangor Lounge, Union. x1228.

**"A Study of NP-optimization Problems with Unique Solutions,"** an oral exam by Ravinderpal Minhas, candidate for master's degree in computer science, 3:10 p.m., Feb. 17, 108 Neville Hall.

**Faculty Senate meeting,** 3:15 p.m., Feb. 17, Lown Rooms, Union. x1167.

**"The Cross and Guilder: Spanish and Dutch Colonial Strategies in North America,"** by Nan Rothschild, Columbia University professor of archaeology, part of the For the Record: Perspectives on Contact in the Americas series, 4:30 p.m., Feb. 17, Hudson Museum. x1901.

**Know Limits,** part of the Adventure Video series, 5:15 p.m., Feb. 17, Soup Kitchen. x1734.

**Carmen,** performed by the New York City Opera National Company, part of the Maine Center for the Arts performance series, 8 p.m., Feb. 17, Hutchins Concert Hall. Admission. x1755.

## 18 Thursday

**WP5.1 Mail Merging & Sorting Functions,** part of CIT's DOS-software training for faculty & staff, 8:30-10:30 a.m., Feb. 18, 255 Stevens Hall. Registration. x1638.

**WP5.1 Macros,** part of CIT's DOS-software training for faculty & staff, 11 a.m.-noon, Feb. 18, 255 Stevens Hall. Registration. x1638.

**Association of Graduate Students Board meeting,** noon-1 p.m., Feb. 18, Lown Rooms, Union. x4548.

**"Emerging Private Media in Socialist Tanzania,"** by Paul Grosswiler and Marie Tessler, part of the Socialist and Marxist Studies Luncheon Series, 12:20-1:30 p.m., Feb. 18, Bangor Lounge, Union. x3861.

**"Partnership Power, A Cooperative Approach to Distance Learning,"** a national videoconference sponsored by the Maryland College of the Air, with panelists representing the Instructional Telecommunication Consortium, part of the Distance Education Task Force presentation series, 1-3:30 p.m., Feb. 18, 126 Barrows Hall. x3142.

**Coffeehouse -** movie followed by music by Will Turner, 7:30 p.m., Feb. 18, Ram's Horn. x1840.

**Thursday Night at the Bear's Den with Sister Blue,** 8 p.m., Feb. 18, Union. x1734.

## 19 Friday

**"A Semiotic Approach to Image Creation in The Boston Globe's coverage of the 1992 Presidential Primary Campaign,"** an oral exam by Andrea Himsl, candidate for master's degree in speech communication, noon, Feb. 19, 305 Stevens Hall.

**"Subverting the Discipline,"** by Kathleen March, Tina Passman and Kathryn Slott, part of the Risky Business Spring Program, 12:15-1:30 p.m., Feb. 19, Thomson Honors Center Library. x3264.

**TGIF Music by The Wednesday Night Band,** 12:15 p.m., Feb. 19, Bangor Lounge, Union. x1734.

**"Development of Optimal Sampling Strategies for a Nematode Pest of Turf Grass,"** by Alan Henn, USDA, part of the Department of Plant Biology and Pathology Seminar Series, 3:10 p.m., Feb. 19, 101C Deering Hall. x2970.

**"Path Integration and Black Hole Thermodynamics,"** by Jeff Meined, a Department of Physics and Astronomy Colloquium, 3:10 p.m., Feb. 19, 140 Bennett Hall. x1016.

**Movies: A Fish Called Wanda and The Meaning of Life,** 6:30 p.m., Feb. 19, 101 Neville Hall. Admission. x1734.

**Men's Ice Hockey vs. Boston University,** 7 p.m., Feb. 19, Alford Arena. Admission.

**University Orchestra and Percussion Ensemble Concert,** 8 p.m., Feb. 19, Hutchins Concert Hall. x1241.

# Ongoing Events

**Annual Dance Concert**, 8 p.m.,  
Feb. 12-13, Hauck Auditorium.  
Admission. x1755.

**"James Linehan: 1978-1993, Southern Travels,"** a University of Maine Museum of Art exhibit, through Feb. 15, Hauck Gallery, Union. x3255.

**"James Linehan: Paintings 1978-1993,"** a University of Maine Museum of Art exhibit, through Feb. 17, Carnegie and 1938 Galleries, Carnegie Hall. x3255.

**"The Modern Art of the Print,"** a University of Maine Museum of Art exhibit, Feb. 17-June 1, Maine Center for the Arts. x3255.

**Beginning Welding Course**, 7-9 p.m. Tuesdays for eight weeks beginning Feb. 23, Welding Lab, BioResource Engineering Building. Instructor: Ben Dresser. Fee. Registration. x3414.

**The Little Foxes** by Lillian Hellman, directed by Norman Wilkinson, a Maine Masque Theatre production, 8 p.m., Feb. 25-27, 2 p.m. Feb. 26 and Feb. 28, Hauck Auditorium. Admission. x1755.

**Women's and Men's Swimming/Diving - NAC Tournament**, Feb. 25-28, Memorial Gym. Call for competition times. xBEAR.

**"Where is Little Bear?"** a Planetarium show, 2 p.m. every Saturday, through Feb. 27, Wingate Hall. Admission. x1341.

**"James Linehan: 1978-1993, Landscapes,"** a University of Maine Museum of Art exhibit, through March 1, Peabody Lounge, Union. x3255.

**"Elnae Hamilton: Stoneworkers of Maine,"** a University of Maine Museum of Art exhibit, through March 1. Hole in the Wall Gallery, Union. x3255.

**"Navajo Rugs from the Collections,"** a Hudson Museum exhibit, through March 28. x1901.

**"Ritual and Community: The Maine Grange,"** a University of Maine Museum of Art exhibit, March 1-26, Hauck Gallery and 1938 Gallery, Carnegie Hall. x3255.

**"Imagination/Image Creation,"** a Hudson Museum exhibit of Native American dolls, through March 28. x1901.

**Wilson Center open for coffee/quiet meetings**, 8 a.m.-9 p.m. daily, 67 College Ave. 866-4227.

## Snapshots Calendar

UM's Television Magazine

**Feb. 28, 6:30 p.m.,  
PLUS Channel 26**

With guest host Anne Pooler,  
UM Class of '72, Associate Dean  
for Academic Services/Associate  
Professor, College of Education

**Feb. 25, 7:30 p.m., WPXT-TV,  
Channel 51  
and  
March 3, 7 p.m., WABI-TV, Channel  
5**

With guest host Don Carrigan,  
UM Class of '74,  
State Office Representative to  
Sen. William Cohen

**Study Abroad Resource Room**, open  
daily 9 a.m.-noon, 2-4 p.m., 319  
Maples. x2905.

**Newman Center/Our Lady of Wisdom  
Parish Weekly Liturgy:** Sunday,  
9:30 a.m., 6:15 p.m., Newman Center,  
and 11:15 a.m., Bangor Lounge,  
Union; Monday-Thursday, 4:45 p.m.,  
Newman Center. 866-2155.

**University of Maine Amateur Radio  
Club** meets every Sunday, 1 p.m.,  
Merrill Hall Amateur Radio Station.  
x2351.

**Reflection and Action Group at the  
Wilson Center**, every Sunday, 4:30-  
5:30 p.m., 67 College Ave. 866-4227.

**Wilson Center worship and celebra-  
tion**, followed by light supper, every  
Sunday, 5 p.m., 67 College Ave. 866-  
4227.

**African-American Student Association**  
meets every Sunday, 6 p.m., Bangor  
Lounge, Union. x1425.

**Foreign Language Tables:** French -  
Monday, Russian - Tuesday, German -  
Wednesday, Spanish - Thursday, all  
noon-1 p.m., 207 Little Hall. x2073.

**Nontraditional Students Club** meets  
every Monday, 3 p.m., Nutter Room,  
Union. x1734.

**University of Maine Anthropology Club  
Meeting**, every Monday, 7 p.m., FFA  
Room, Union. x1894.

**Oratorio Society Choir Meeting**, every  
Monday, 7-9 p.m., 217 Lord Hall.  
x1245.

**International Folk Dance Club** meets  
every Monday, 7-9 p.m., Lown Rooms,  
Union. x4194.

**Faculty-Staff Recreational Basketball**,  
every Tuesday and Thursday,  
11:30 a.m.-1:30 p.m., Memorial Gym.  
All ages, men and women welcome.  
x3924.

**Sharing Circle for Healing Racism**,  
offered by the Bahá'í Club, every  
Tuesday, 4 p.m., Old Town Room,  
Union.

**Cafe of the Mind**, every Tuesday, 4-  
6 p.m., Ram's Horn.

**General Student Senate** meets every  
Tuesday, 6 p.m., 153 Barrows Hall.  
x1775.

**Environmental Theatre** every Tuesday,  
7 p.m., 101 Neville Hall. x3300.

**Maine Review** at the Ram's Horn,  
every Tuesday, 7:30 p.m. x1840.

**Yoga and meditation at the Wilson  
Center**, every Tuesday, 7:30-8:15 a.m.,  
67 College Ave. 866-4227.

**Maine Peace Action Committee**  
meets every Thursday, 4 p.m.,  
10 Maples. x3861.

**Franco-American Women Group** meets  
every second Thursday of the month,  
5 p.m., Franco-American Center,  
126 College Ave. Bring dish to pass for  
potluck supper. x3775.

**"A Taste of Home,"** home-cooked meal  
prepared by local church members,  
Wilson Center, every Thursday,  
5:30 p.m., 67 College Ave. \$1 dona-  
tion. 866-4227.

**American Indians at Maine** meets  
every Thursday, 6 p.m., FFA Room,  
Union.

**Coffeehouse** - movies at 7:30 p.m.,  
live music at 9:30 p.m., every  
Thursday, Ram's Horn. x1840.

**"Thursday Night at the Bear's Den"**  
every Thursday, 8 p.m.

**Muslim Prayer**, every Friday, noon-  
2 p.m., Drummond Chapel. x2790.

**International Students' Coffee Hour**  
every Friday, 4 p.m., Bangor Lounge,  
Union. x2905.

**35+ Singles Club** meets every Friday,  
5 p.m., Peabody Lounge, Union.  
x1734.

## 20 Saturday

**Snow Spike '93**, a benefit volleyball tour-  
nament offered by Alpha Gamma Rho to  
benefit the Manna Soup Kitchen in  
Bangor, 10 a.m., Feb. 20, 134 College  
Ave. x4169.

**Women's Basketball vs. Vermont**,  
1 p.m., Feb. 20, Alford Arena.  
Admission. xBEAR.

**Men's Ice Hockey vs. Boston  
University**, 7 p.m., Feb. 20, Alford  
Arena. Admission. xBEAR.

**Louis Hall and Lillian Garwood  
Lecture/Recital**, 8 p.m., Feb. 20,  
120 Lord Hall. x1241.

## 22 Monday

**Word 5.0 Math, Graphics & Tables**, part  
of CIT's Mac training for faculty, students  
& staff, 9-11 a.m., Feb. 22,  
124 Barrows Hall. Registration. x1638.

**"Modelling the Effects of Global  
Climate Change on Neotropical Migrant  
Birds,"** by Nicholas Rodenhouse,  
Department of Biological Sciences,  
Wellesley College, part of the Wildlife  
Seminar Series, noon, Feb. 22,  
204 Nutting Hall. x2862.

**The Point**, part of the Video Lunch  
Series, noon, Feb. 22, Bangor Lounge,  
Union. x1734.

**"Ethics & Advertising,"** a presentation  
by Richard Jones, senior vice president  
with Young and Rubicam, New York, part  
of a two-day visit to campus under the  
auspices of the Advertising Educational  
Foundation, 7 p.m., Feb. 22, Bangor  
Lounge, Union. x2331.

## 23 Tuesday

**"The Discovery of Optical Memory in  
New Chemical Systems with Layered  
Structures,"** by Howard Patterson, part  
of the Chemistry Seminar Series, 11 a.m.,  
Feb. 23, 316 Aubert Hall. x1169.

**"Multimedia: How Does It Really  
Work,"** a national videoconference with  
associates of the Institute for Academic  
Technology, University of North Carolina,  
part of the Distance Education Task  
Force presentation series, 1-3 p.m.,  
Feb. 23, 126 Barrows Hall. x3142.

**SYSTAT/SYGRAPH**, a CAPS seminar,  
3:30-5:30 p.m., Feb. 23, 227 Neville  
Hall. x3518.

**"Status of Science Teacher Preparation  
in the State of Maine,"** by Steven Rogg  
and the ESC Group, part of the Science  
Education Seminar Series, 3:15-  
4:15 p.m., Feb. 23, 216 Shibbes Hall.  
x2481.

**"Maine Historic Landscapes,"** by state  
horticulturist Ann Gibbs, part of the  
Landscape Horticulture Club speaker  
series, 6 p.m., Feb. 23, 113 Deering  
Hall. 827-3634.

**The Lorax**, part of the Environmental Theater series, 7 p.m., Feb. 23, 101 Neville Hall. x1734.

**Performance by Stand-up Comedian Adam Sandler**, 7 p.m., Feb. 23, Hutchins Concert Hall. Admission. x1735.

## 24 Wednesday

**Lotus Macros**, part of CIT's DOS-software training for faculty & staff, 8:30-10 a.m., Feb. 24, 255 Stevens Hall. Registration. x1638.

**Lotus Database Functions**, part of CIT's DOS-software training for faculty & staff, 10:30 a.m.-noon, Feb. 24, 255 Stevens Hall. Registration. x1638.

**"Common Medical Problems for Backcountry Travelers,"** a Lunch Time Adventure Hour talk, noon, Feb. 24, FFA Room, Union. x1734.

**"Rediscovering Zona Gale,"** by Ruth Nadelhaft, part of the Women in the Curriculum Lunch Series, 12:15-1:30 p.m., Feb. 24, Bangor Lounge, Union. x1228.

**Excel 3.0 Functions, Formulas & Databases**, part of CIT's Mac training for faculty, students & staff, 2 p.m., Feb. 24, 124 Barrows Hall. Registration. x1638.

**"Masculinity: Surviving and Thriving,"** a program offered by Men Against Rape, 3:15 p.m., Feb. 24, Sutton Lounge, Union. x4104.

**"Legitimizing American Broadcasting: The Socialists and Radio Station WEVD, 1926-1932,"** by Nathan Godfried, part of the History Symposia Series, 3:15-4:30 p.m., Feb. 24, Honors Center. x1907.

**"Hindu, Buddhist, Marxist and Feminist Critiques of Modern Western Views of Self,"** by Doug Allen, part of the Philosophy Colloquium Series, 4:30 p.m., Feb. 24, Levinson Room, The Maples. x3865.

**The World Within**, part of the Adventure Video series, 5:15 p.m., Feb. 24, Soup Kitchen. x1734.

**Women's Basketball vs. University of Maryland-Eastern Shore**, 7:30 p.m., Feb. 24, Alford Arena. Admission.

## 25 Thursday

**Wind-Perussion Day**, all day, Feb. 25, Maine Center for the Arts. x1241.

**Two lectures:** "Pesticides," by Dr. Carol Eckert and Lebel Hicks, and "Legal Obligations," by Dr. E. Brown and L. Giambalvo, part of the Kids and the Environment: Toxic Hazards series by the Maine Toxicology Institute and EMMC's Department of Pediatrics and Department of Family Practice, 8-9:30 a.m., Feb. 25, Mason Auditorium, EMMC. x2301.

**Lotus Financial & Other Functions**, part of CIT's DOS-software training for faculty & staff, 8:30-9:30 a.m., Feb. 25, 255 Stevens Hall. Registration. x1638.

**Lotus Graphing & WYSIWYG**, part of CIT's DOS-software training for faculty & staff, 10 a.m.-noon, Feb. 25, 255 Stevens Hall. Registration. x1638.

**"Recent Developments in the Israeli-Arab Conflict,"** by Alex Grab, part of the Socialist and Marxist Studies Luncheon Series, 12:20-1:30 p.m., Feb. 25, Bangor Lounge, Union. x3861.

**Thursday Night at the Bear's Den with the Maple Brothers**, 8 p.m., Feb. 25, x1734.

## 26 Friday

**Summer Camps Job Fair**, 9 a.m.-4 p.m., Feb. 26, Lown Room, Union. x1734.

**"Reaching Out: Techniques for Engaging Students at a Distance,"** by UMA faculty, part of the Distance Education Task Force presentation series, 9:30-11:30 a.m., Feb. 26, 207 Shibles Hall. x3142.

**"Innovation in the Teaching of Science,"** by George Jacobson, part of the Risky Business Spring Program, 12:15-1:30 p.m., Feb. 26, Thomson Honors Center Library. x3264.

**TGIF Music by University Junction**, 12:15 p.m., Feb. 26, Bangor Lounge, Union. x1734.

**"Monopoly of New World Astragalus (Leguminosae): Cytogenetics and Molecular Evidence,"** by Marty Wojciechowski, University of Arizona, part of the Department of Plant Biology and Pathology Seminar Series, 3:10 p.m., Feb. 26, 101C Deering Hall. x2970.

**"Is Declining Fitness in Aging Snow Geese the Result of Senescence?"** by Robert Rockwell, Department of Ornithology, American Museum of Natural History, New York, part of the Department of Zoology Seminar Series, 3:10 p.m., Feb. 26, 102 Murray Hall. x2546.

**"Controlled Thermonuclear Fusion: An Overview,"** by Mehmet Artun, Plasma Physics Laboratory, Princeton University, a Department of Physics and Astronomy Colloquium, 3:10 p.m., Feb. 26, 140 Bennett Hall. x1016.

**Movie: Casablanca**, 6:30 p.m. and 9:15 p.m., Feb. 26, 101 Neville Hall. Admission. x1734.

**Men's Basketball vs. Delaware**, 7 p.m., Feb. 26, Alford Arena. Admission. xBEAR.

**Baycka Voronietzky Piano Recital**, 8 p.m., Feb. 26, 120 Lord Hall. x1241.

**Comedy Cafe with Gerroll Bennett**, 9 p.m., Feb. 26, Damn Yankee. Admission. x1734.

## 27 Saturday

**20th Century Music Ensemble Concert**, 8 p.m., Feb. 27, Maine Center for the Arts. x1241.

## 28 Sunday

**Lanissa Welsleder Junior Recital**, 2 p.m., Feb. 28, 120 Lord Hall. x1241.

**Men's Basketball vs. Drexel**, 2 p.m., Feb. 28, Alford Arena. Admission. xBEAR.

**Melissa Martin Senior Recital**, 8 p.m., Feb. 28, 120 Lord Hall. x1241.

**Big Band Salute to Glenn Miller** starring the Modernaires with Paula Kelly Jr., Beryl Davis and Herb "Ink Spots" Kenny, part of the Maine Center for the Arts performance series, 8 p.m., Feb. 28, Hutchins Concert Hall. Admission. x1755.

## 1 Monday

**Excel 3.0 Macros & Customizing Worksheets**, part of CIT's Mac training for faculty, students & staff, 9-11 a.m., March 1, 124 Barrows Hall. Registration. x1638.

**"Territoriality in Carnivores,"** by Roger Powell, Department of Zoology, North Carolina State University, part of the Wildlife Seminar Series, noon, March 1, 204 Nutting Hall. x2481.

**"Kleptoparasitism and Predation of Black Gullmots (Cephus grylle) by Gulls in the Gulf of Maine,"** an oral exam by David Hayes, candidate for master's degree, noon, March 1, 106 Murray Hall.

**"New and Emerging Technologies/Distance Learning Applications,"** by Kevin Sanders, Digital Corp., part of the Distance Education Task Force presentation series, 1-2:30 p.m., March 1, Telecommunications Building. x3142.



The Maine Masque Theatre production of Lillian Hellman's *The Little Foxes* will be performed Feb. 25-28. Norman Wilkinson will direct the classic story of a family filled with greed and hypocrisy preying on the land in the turn-of-the-century South. The play is described as "a morality tale laced with humor and suspense." Cast members include, left to right, Drea Galyean as Alexandra, Lisa Underwood as Regina (seated), Cheryl Daly as Addie and Beniam Awash as Cal. Performances in Hauck Auditorium are 8 p.m., Feb. 25-27, 2 p.m. Feb. 26 and Feb. 28 For ticket information, call the Maine Center for the Arts Box Office, x1755. Photo—Monty Rand





## Lec, Vetelino in National Magazine

Ryszard Lec, research professor, and John Vetelino, professor of electrical engineering, were interviewed by the American Society for Engineering Education's national magazine for a news story slated for the April issue about their work in advanced sensor technology and a new National Science Foundation grant to integrate sensor research into the curriculum.

## Donaldson in Education Week

A Jan. 13 *Education Week* story about the need to reform preparation for school administrators quoted Gordon Donaldson, professor of education, one of the organizers of a state meeting of groups involved in school-leadership programs. Beginning in 1989, groups from all constituent organizations, including principals and vocational administrators, were invited for three-day retreats in an attempt to forge better communication lines between those active in preparing and supporting school leaders - such "stakeholders" as state agencies, universities, school districts, professional organizations and principals' groups. The *Education Week* article cited a recently released report by the National Association of Secondary School Principals that noted that "state education agencies should seize the lead in coordinating the efforts of institutions and groups involved in the training, certification, and career development of educational administrators."

## Haines on AP Wire

Terry Haines, professor of zoology, was interviewed for an Associated Press story on the acidity of lakes in Vermont, Maine and other New England states. The AP story circulated in newspapers across the country.

## Ellis in Portsmouth Sunday Herald

Gerald Ellis, associate director of the Onward Program, was the focus of a *Portsmouth Sunday Herald* story, and was cited in an AP story, in his role as president of the New England Association of Educational Opportunity Program Personnel. Ellis heads the group of New England educators that twice last year canceled conferences in New Hampshire because the state did not recognize Martin Luther King Day. It wasn't until last month that Gov. Steve Merrill ended New Hampshire's holdout as the last state without a King holiday. In an AP story that ran in the *Portsmouth Sunday Herald* Jan. 19 and in the *Maine Sunday Telegram* Jan. 18, it was noted that Portsmouth lost an estimated \$65,000 when NEAEOPP pulled a conference scheduled last April. The group's New England Student Leadership Conference slated for November in New Hampshire was moved to Vermont. Working with the Sheraton Portsmouth, NEAEOPP did not forfeit the reservation penalties for canceling the April conference, but instead established a \$5,000 Martin Luther King Scholarship Fund. "I marched in Selma, Alabama in '64, went to services in Brown's Chapel," said Ellis in the *Portsmouth Sunday Herald* story. "It was a powerful experience, a primary experience in my life."

## Coté-Robbins in Boston Globe

Rh a Cot -Robbins, Franco-American Center, was interviewed by the *Boston Globe* on the "Frenchie" radio controversy.

## CAPS Network Part of Education Week Story

Internet, the international "network of computer networks," and its role in classrooms as "a window on the world," was the focus of a Jan. 13 *Education Week* story. While noting that few schools travel the "electronic highway," the story did give examples of how the computer network is being used around the country. One school cited was Machias High School, which has access to Internet via the University of Maine at Machias and the CAPS statewide network. Last spring, a technology educator at the high school used Internet to help establish a VHF radio link with a Russian cosmonaut stranded aboard the space station Mir following the collapse of the Soviet government. By downloading a satellite tracking software program to predict the brief window of opportunity when the station's orbit would place it within hailing distance of radio equipment, Machias High students communicated with the cosmonaut, opening "new educational vistas for them and (making) headlines around the world."

## Hunter in Boston Globe

Malcolm Hunter, professor of wildlife resources and Libra Professor of Conservation Biology, was quoted in a recent *Boston Globe* story about the federal Endangered Species Act.

## And Locally Speaking ...

Jim Roscoe, associate professor of anthropology, was interviewed by WABI-TV, Channel 2, about the Hudson Museum's newest exhibit: "Contemporary Art from the Sepik River."

Charles Simpson, forest superintendent, was interviewed by the *Central Maine Morning Sentinel* about plans for a timber stumpage sale on University forestland in Hartland.

Bahman Bakhtiari, assistant professor of political science, interviewed with WVII-TV, Channel 7, about the politics and potential consequences of the Persian Gulf War allies' order to Iraq to remove missiles from a protected zone.

John Maddaus, assistant professor of education, interviewed with the *Portland Press Herald* for a story on school choice, stemming from the decision of President-elect Bill Clinton and wife Hillary to send their daughter to a private school in Washington.

Steve Craig, associate professor of journalism and mass communication, was interviewed by the Associated Press, WLBZ-TV, Channel 2, WVII-TV, Channel 7, and radio station WKSQ-FM about his study of gender differences in television commercials for non-prescription drugs.

Patty Counihan, associate director, Career Center, interviewed live on WLBZ-TV, Channel 2, giving tips about job seeking and how applicants can best market and present themselves.

Judith Graham, human development specialist, child and family life, will appear weekly on WVII-TV, Channel 7's noon news reports to discuss child development issues and topics.

Bill Stone, professor of psychology, was interviewed by Maine Public Broadcasting on his newest book: *The Authoritarian Personality - Strengths and Weaknesses*.

William Livingston, associate professor of forest resources, was interviewed by WLBZ-TV, Channel 2, for a story on the effect of the snow drought over the last couple of months.

## We Remember

Edgar Allan "Al" Cyrus, former chair of the Department of Theatre/Dance and professor of theater for more than three decades, died Feb. 3, 1993. He was 56.

At the time of his death, Cyrus was a visiting professor at the American University in Bulgaria (AUBG). He had just finished the first rehearsal for the Eugene Ionesco play he was directing, *Rhinoceros*. And he was looking forward to coming back to Orono to see a dream come true - groundbreaking for the new Center for the Study of the Performing Arts.

Cyrus frequently referred to the Center for the Study of the Performing Arts as "my building." It was a project he had long lobbied for as a much-needed home for the performing arts. The thrill of seeing such a Center become a reality was rivaled only by his joy when the Department of Theatre/Dance was given permanent use of the Pavilion Theatre in 1979-80. Because of his love for such a Center, his family has asked that, in lieu of flowers, donations be made in his memory to the Center for the Study of the Performing Arts, University of Maine Development Office.

Two years ago, in a feature story titled: "The Curtain Call That's Lasted Three Decades," Cyrus talked about his 30 years at UM and the thousands of people young and old in Maine who experienced the magic of live theater through on-campus and touring productions he orchestrated, and his work with The Theater at Monmouth and The Theatre of the Enchanted Forest. "I have a lot of hopes for what 30 years of theater at UM did for audiences," he said. "I think many have discovered plays and playwrights. Many with no exposure or interest in theater have found it and have been drawn to continue their participation and observation. I like to think sometimes people were moved by things that occurred here and perhaps things changed in their lives. Perhaps if I made any mark at all, it was in the memories and hearts of students."

Cyrus taught all aspects of theater, specializing in lighting design, scene design, acting and directing. He touched the lives of thousands of UM students, and took touring productions all over the state - "to the end of the paved highway and anywhere else I could go," he would say. Of the more than 70 productions he directed on- and off-campus, his favorites included *Under Milkwood*; *Cat on a Hot Tin Roof*; and two plays selected for American College Theatre Festival regional competition - *The Ecstasy of Rita Joe* and *The Night of the Iguana*, which was the inaugural performance in the Pavilion Theatre.

### Operation Outreach *continued from page 2*

Operation Outreach was introduced last fall when South Campus staff members made cookies and wrote holiday cards for residents of the Orono Nursing Home. Next week, the 43 RAs and nine RDs will split into three volunteer units and head for the Orono Nursing Home, Bangor Humane Society and the Ronald McDonald House. Their activities will range from spring cleaning and walking four-legged clients of the Humane Society, to assisting seniors in reading or writing.

In addition, DeWitt has published an outreach newsletter for the staff listing agencies that need volunteer services in the hopes that more students in the residence halls will get involved.

"We're hoping they are going to learn there is a needy world around them and a lot of different experiences," DeWitt said. "We hope we can help them learn that there are easy ways to get involved. This can teach them communication skills. They can learn new things about themselves. All they need is the willingness to do it." ▲

Theater under Cyrus' direction was in a "broad humanitarian tradition rather than a narrowly applied professional conservatory approach. We're more interested in preparing people for a lifetime of participation on different levels and in different kinds of organizations," he said.

Born in Milton, W.Va., Sept. 22, 1936, Cyrus received a master's degree and an MFA, both in theater, from Western Reserve University in 1960 and 1966 respectively. He joined the University of Maine faculty in 1960, and served as chair from 1984-1991. In 1992, he spent the spring semester on sabbatical in Athens, Greece, and that fall went to AUBG. There he instituted a theater curriculum for the first American-style university in Eastern Europe.

He was active in community, high school and professional theater statewide. His involvement included work with the New England Drama Council, which honored him with an award in 1980 for his many years of assistance with high school theater in Maine. In 1988 he won a Moss Hart Directing Award for The Theatre of the Enchanted Forest's production of *Hiawatha*. His work as a director and designer with The Theater at Monmouth began in 1979 and continued for more than a decade.

He is survived by his wife, Sandra; two daughters, Afton and Hannah; and two sons, Ed and Tony. ▲



## Waste Not

### UM Recycling

When we think of recycling, we usually don't think of such factors as market availability and the associated trucking costs. Recycling to many is simply putting a newspaper into a recycling bin. But what happens to the newspaper next?

Consumer demand must create a high enough profit motive to entice someone to truck it to a recycling plant. Many times recyclables have to be shipped hundreds of miles to reach a market where they can be sold. This leads to high costs in trucking, which in turn leads to increased program costs. These increased program costs often result in a smaller program - one that is less effective than those located in areas where recyclables are more marketable.

If we compare the recycling programs at the University of Southern Maine and the University of Maine, you can see the importance of trucking and available markets. Portland's industry and markets far exceed those in Bangor and Augusta combined. Portland's large recycling markets allow USM to recycle tons of materials at a relatively low cost. Here at the University of Maine we must ship our recyclables hundreds of miles south in order for them to be recycled, costing our program thousands of dollars.

In the future, with the help from consumer demand, new markets for recycled materials will develop. With bigger markets and less distance to truck the recyclables, our program will cost less and expand into new avenues of recycling.

We must start this expansion of the recycling markets by first understanding them. We must realize the many different steps and costs in maintaining an effective recycling program. Then we can begin to act to create these markets by purchasing products made with recycled materials. We all can make a difference. ▲



# Education that Invites Expl

**T**here is a class at the University of Maine in which each student has an individualized plan for learning. The students are close in age, but their lessons are not age-specific. Instead, goals and objectives are based on individual development, special skills, abilities and interests. Lessons take into consideration the concepts of whole learner and integrated academic disciplines.

In such a learning environment, teachers and students are all learners.

To some, such a classroom would epitomize the reconceptualization of traditional education, and perhaps even qualify as "risky" and innovative teaching. Or in this case, perhaps author Robert Fulghum said it best when he astounded the world with the revelation: "All I ever really needed to know I learned in kindergarten."

At the Child Development Learning Center at the University of Maine, a state-certified kindergarten program approved by the National Association for the Education of Young Children has been operating since 1975. Evolved from one of the earliest college nursery schools in the country, the kindergarten in the School of Human Development is where the theories and practices of early childhood education and

child development meet. The result is a learning environment firmly entrenched in the principles of developmentally appropriate practice.

"We wanted a program that incorporated our philosophy that could be used as a model, showing people how kindergarten could be run with an early childhood environment," said Jeanne Soule, Child Development Learning Center coordinator.

"Children develop at different rates, and their learning is uneven across any one age group. Not all children are ready for one thing all at once, that's why we try to take children at all their different levels and work with them. The program looks casual but there are detailed lesson plans, and we look at each child by curriculum objectives.

"In this environment, we're trying to stimulate the learning of children," Soule said. "We are looking at the whole child, trying to help in all areas of integration. Whether it's reading, math or another subject, we're looking at all the different connections. Learning is not done separately, it's eclectic. And learning should be fun."

The Child Development Learning Center had its beginnings in 1921 as a nursery school play group in the Home Economics

"Practice House," which is now Crossland Hall. At first, the programs involved most outdoor play and allowed space for numerous observers. With the construction of Merrill Hall in 1931, the Learning Center had a new home, and through the years, the program has continued to grow, mostly by word of mouth.

In 1975, Shirley Oliver, now professor emerita of child development and education, initiated the afternoon kindergarten program to complement the morning preschool programs.

Today, in a large, specially designed room off the first floor in Merrill Hall, there is a reading corner complete with a carpet-lined clawfoot bathtub, a loft area for dramatic play, a child-size play kitchen area, a large open area devoted to large motor activities, learning/activity centers set up according to the lessons of the week and tables with different projects for independent exploration or teacher-assisted activity.

Here head kindergarten teacher Sylvia Kinney and University students and student teachers interact with the youngsters in an environment that invites experimentation and exploration. The major emphasis is on learning through play and play activities, with blocks of time availab

## In Focus

Head kindergarten teacher Sylvia Kinney, photos below and third from left, interacts with youngsters in a variety of activities, as do UM students like Elisabeth Wicks, photo second from left, a child development major fulfilling a lab requirement by assisting in the kindergarten, and Jay Bowker, photo far right, who was student teaching in the kindergarten last semester.



# ation and Experimentation

each child to choose from a variety of planned materials and experiences. Children move from one learning center to another according to their interests. The activities and materials provided in the programs allow the children to achieve basic skills in such academic areas as language arts, science, social studies and mathematics. Based on knowledge of the cognitive, social, emotional and physical development of the young child, the curriculum is designed to encourage children to explore and experiment, as well as convey the challenge, excitement and satisfaction of learning.

An individualized educational plan with goals and objectives is designed for each child, based on individual development, social skills, abilities and interests. Activities and special learning opportunities are designed for each child and for the group through these plans.

"A lot of our philosophy stems from helping children make good choices and helping them be comfortable in the environment they're in," said Kinney. "We believe they need to be able to make choices in what they learn and how they learn. And they make those choices with teacher guidance."

The curriculum is socially based, helping children develop good social skills to get along with their peers and teachers and make a good transition into public school. It has to do with understanding what can be achieved at different stages of development. The curriculum can be molded to the child with the help of a good student-teacher ratio, which in our case is most often 1-3 or 1-5.

"One of our goals is to help children know how to learn, helping foster skills that will help them in transitions like prereading and prewriting skills that they will need in first grade. We help them understand themselves a little better, achieving a little more maturity than they had when they came."

Kinney, a UM graduate with a degree in child development and family relations, did her student teaching in public schools and, after teaching certification, returned to the University to pursue a master's degree in human development and to teach kindergarten. A native of Knox, Kinney comes from a family of UM graduates from the School of Human Development. Her mother has a degree in home economics, and her sister has a bachelor's degree in child development and family relations.

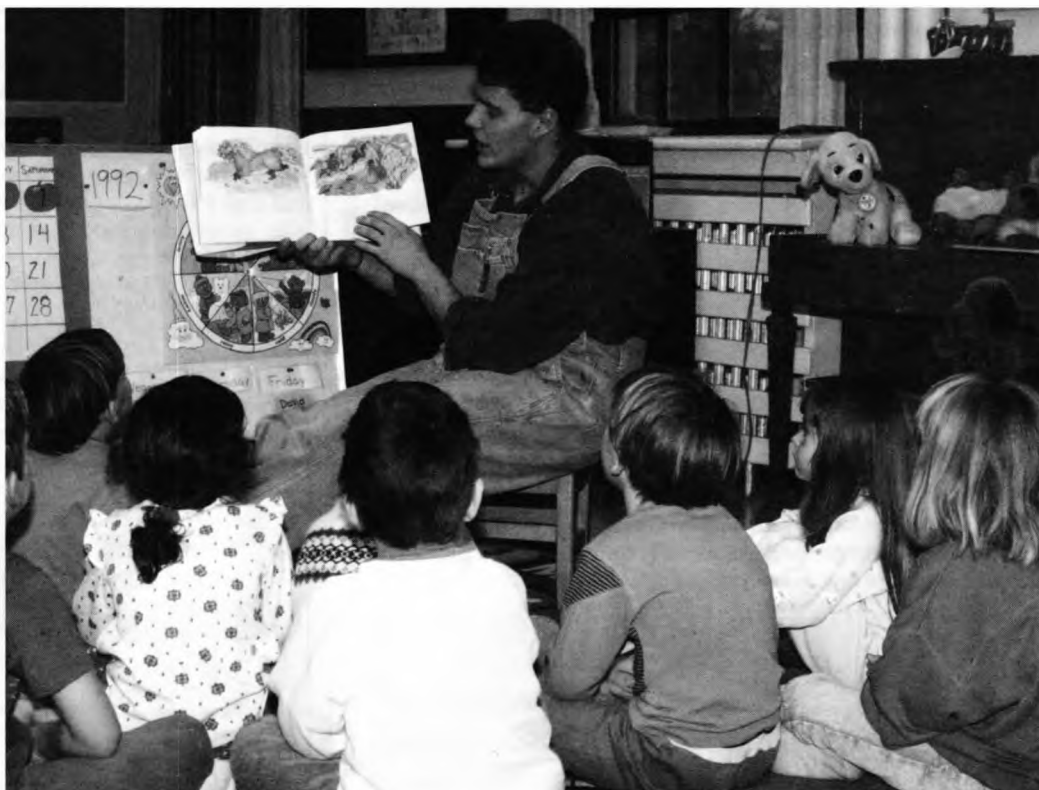
"Everyone expected me to do something in the sciences, and I did take engineering courses," Kinney said. "I love math and science but I enjoyed the courses that dealt with people."

Today, Kinney not only works with children but University students who are child development or education majors gaining practical experience. Together, they work in a team effort, sharing ideas and an excitement about early childhood education that they carry with them into their careers.

"Our majors have made names for themselves with principals and superintendents in the state," Soule said. "The University students from this program are excellent teachers in public schools."

Much of that can be attributed to the coursework in child development, Kinney said. It's there that an appreciation for what can be achieved at different stages of development, as well as the child as a whole, is realized.

"They are people like me - living, growing human beings, discovering things, looking at everything in amazement," Kinney said. "It makes me get excited about teaching." ▲



## Capital Campaign *continued from page 1*

Minsky, former president of Superior Paper Products and president of the Action Committee of Fifty Inc., co-chairs the corporate division of the Greater Bangor campaign. Citing UM's direct impact on area and statewide economic development, Minsky said there is no doubt that the Greater Bangor area benefits most immediately from the University. The University is a magnet for Maine's future development and a key force in attracting major information age installations to Bangor, he said.

Brandow, president of Eastern Maine Medical Center and Eastern Maine Healthcare, heads the Performing Arts Division. The educational and cultural opportunities of the University combined with the presence of the Maine Center for the Arts make a dramatic difference in Bangor's special appeal, he said. Brandow added that the proposed Center for the Study of the Performing Arts, which will bring the Theatre and Music departments together in one facility and provide needed space for instruction, rehearsals and recitals, will be a catalyst for attracting major festivals and audiences to the area and for boosting recruitment of superior students and faculty.

Leonard, president of Central Equipment Co., is co-chair with Minsky for the Corporate Division. Bradford is community and volunteer service leader, and Jones, president of Bangor Savings Bank, co-chairs the Scholarship and Academic Endowment Division.

Hutchinson reported that \$8.3 million of the \$16.3 million Greater Bangor goal has already been raised through the advanced gift effort. The Greater Bangor challenge is to raise another \$8 million targeted to lend critical support in key areas.

The success of the campaign so far clearly reflects the importance of the University to the people of Maine and its 76,000 alumni around the country, Hutchinson said. As a sterling example of commitment in tough economic times, he noted that an unprecedented number of UM employees have made record contributions to the capital campaign and exceeded the million dollar goal of the family phase five months ahead of schedule.

In the comprehensive Campaign for Maine, \$42 million of the \$54.5 million goal has been raised by alumni, friends, businesses and industries in Maine and nationally.

The national campaign objectives include:

- ▼ \$8 million for three new buildings funded by a public-private partnership. The projects are a center for the study of performing arts building, a geological sciences building, and Donald C. Corbett Hall which is near completion and will house the College of Business Administration and classrooms.

- ▼ \$17 million for undergraduate scholarship endowments and to establish new graduate fellowships.

- ▼ \$2 million for student support services that complement academics and help build skills and character.

- ▼ \$4 million for equipment to strengthen teaching and research.

- ▼ \$13 million for scholarly support, including endowed chairs and professorships, and materials and programming for academic departments and the library.

- ▼ \$10.5 million for current projects and non-designated gifts to help complete major projects already under way and provide flexibility to meet unexpected needs. ▲

## Deadline

Submit items by 9 a.m. Monday for each Friday issue.

### THE CAMPAIGN FOR MAINE

Greater Bangor Goal: \$16,300,000

Cash and Pledges to Date: \$8,300,000

#### Challenges:

Buildings	
Center for the Study of the Performing Arts	\$2,000,000
Scholarships	
(Includes \$1 million for Athletic Scholar)	\$3,600,000
Student Services	\$250,000
Academic Endowment and Library	\$1,200,000
Current Projects	\$665,000
Non-Designated	\$285,000

### WOMEN IN THE CURRICULUM SUMMER GRANTS

The Women in the Curriculum Program is committed to supporting scholarship on women and to assisting in the development of a university curriculum that is inclusive of the history, contributions, values, aspirations and perspectives of women as well as men. Toward these goals the WIC Program offers grants to University of Maine faculty in all departments for (1) curriculum development and revision, (2) research projects and (3) projects aimed at improving the academic climate for women students.

#### Timing

Preliminary proposals are due March 1, and final proposals are due April 2. Notification of awards should be made around April 23. This year awardees will also participate in specified activities during the Teaching Communities Program in May. It is expected that the rest of the funded portion of the work will be completed during the summer. Certain parts of projects which involve workshops or colloquia with outside speakers or consultants may occur during the next academic year, although most planning and development of materials should take place this summer.

#### Eligibility

- ▼ Individual faculty members whose affiliation with the University is expected to continue next year
- ▼ Departmental or interdepartmental faculty teams
- ▼ College committees on teaching
- ▼ Faculty who have recently begun exploring scholarship on women, as well as those with experience in Women's Studies scholarship and teaching
- ▼ Past WIC grant recipients, except those receiving grants last year

#### Funding Levels

Individual or group projects may be funded up to \$2,500. Requests can be made for stipends as well as expenses of carrying out the project. Amounts will depend on the complexity of the projects and the funds available.

#### For More Information

Contact the WIC Office, 581-1228, for a detailed request of proposals or to discuss your project with WIC Director Ann Schonberger.

### FACULTY SUMMER GRANTS AVAILABLE

A limited number of summer grants of up to \$2,000 are available to University of Maine System faculty members for curriculum development of research projects promoting teaching or scholarship related to multiculturalism.

For applications, send to: Office of Academic Affairs, University of Maine System, 107 Maine Ave., Bangor, ME 04401, or telephone 947-0336, x328.

## Teaching Committee *continued from page 1*

chaired by its associate dean, spurred on and reinforced by the long-standing commitment and unity of the land grant institutions in the Northeast and nationally. But in the last three years, the College's Teaching Committee has been more proactive than ever before. It seized the guidelines set forth in the 1989 Report of the Presidential Commission on Undergraduate Education at the University of Maine to revise its curriculum and add strong humanities requirements. This year, the Committee decided to focus on improving the teaching process, tapping experts like Newcomb, holding focus groups on issues in undergraduate and graduate teaching, urging faculty to get involved in more self-evaluation and seeking more student feedback on teaching effectiveness.

"It is a procedure to change teaching from the tried and true where you stand up and pour out information, the throw-enough-mud-and-some-will-stick approach, to taking risks in the classroom and everyone working out problems together," according to Don Stimpson, associate dean of the College and chair of its Teaching Committee. "It has to do with a new way of learning. It's time for a change, time to find out what does and doesn't work."

The goal is to make this "the best possible teaching college on the campus and in the state," Stimpson said. "We consider teaching extremely important. Students deserve the best teaching they can get. We think we're on the right track. We've always prided ourselves on teaching and advising. I think it's the heritage passed on from the days of Win Libby and later Win Pullen who sat in my chair and were student-oriented deans. There's a legacy from the associate dean's office and the faculty of being concerned with teaching.

"We hope that because of our advising and openness that we retain students."

The initiatives the Teaching Committee has taken in recent years have much to do with its members - George Criner, Mary Wiedenhoef, Mary Ellen Camire, Pete Soule, Eleanor Groden, Linda Kling and Adrienne White. "They tell me this is the best committee they've ever served on. They all know each other and are highly motivated," Stimpson said.

The catalyst for the Committee's revision of the College curriculum came from *Rethinking Undergraduate Education: A Comprehensive Look at the University of Maine*, the report of the Presidential Commission on Undergraduate Education. The guidelines set forth in the report were "used as a template," Stimpson said. Capstone and foundation courses were detailed, including humanities requirements and writing-intensive courses.

"We all knew that, moving into the next century, it was more important than ever for professionals and all degree students to have a more global education than they had had," Stimpson said. "Now when we go to conferences, we hear people say they're thinking of doing these things. We sit back and say we've already done them."

The Committee's emphasis on improving undergraduate education went hand-in-hand with its focus on the teaching process. Last year for the first time, Stimpson changed the interview process for faculty candidates. "Previously in the interview process, a candidate might be here for two days and teaching was mentioned a few times. What was talked about more was what his or her research is, how much start-up money was needed, and finally the candidate giving a seminar on his or her research. The message to the candidate was that teaching is important but research is really important," he said.

Now, in addition to candidates giving research seminars to peers, the College requires each to give a full 50-minute lecture

to faculty in the area he or she will be teaching, complete with a syllabus. "The message is there that teaching is important after all," Stimpson said. "Seeing them teach, including first-year-level lectures, you get insight into the kind of teacher this person would be. We have used this with the last three or four candidates and it has worked out better than we thought it would."

Insights into teaching styles are also important for current faculty, the Committee agrees, and as a result a videocamera is now available for use in the classroom. Faculty are being encouraged to tape themselves teaching in class. "No one sees the tape but them, it's confidential," Stimpson said. "And we've got a series of reflective questions they can ask themselves after seeing their tape. We urge them after going through the process once to return in two weeks and try it again.

"It's a very humbling experience to see yourself on tape," Stimpson said. "And we know that the good teachers will be the ones to grab the videocamera first in an effort to improve their teaching. We know we have teachers who are good, mediocre and less than that. And we know with such a low-key program that we will not get at everyone immediately. But we hope that one day we will get a solid program in which everyone participates."

Inspiration for using videotaping as a teaching improvement aid came out of the Northeast Region Teaching Workshop at Cornell University last October. Six members of the College's Teaching Committee joined agriculture faculty from other Northeast land grant institutions to focus on enhancing the quality and effectiveness of undergraduate education, including risk-taking and the learning process. It was there that some of the UM Applied Sciences and Agriculture faculty met Newcomb, the author of two books on the art of teaching who presented a highly acclaimed national teleconference on teaching principles last year.

Newcomb came to campus Jan. 14 to present two seminars to faculty. His visit has initiated a series of focus groups facilitated by members of the Teaching Committee that will be held throughout the semester in an effort to address such issues as teaching the small class, testing and advising, and eventually moving into graduate teaching.

In addition, chairs in the College will end this semester by informally meeting with graduates, attempting to learn more about the strong and weak points of the programs and the teaching, and what courses were effective, Stimpson said. "That way the chairs will have more to go on than student evaluations, and they can have input for evaluations of teaching. We're also looking at another type of student evaluation form to provide better feedback."

Stimpson admits that it's too early to predict what impact such assertive approaches will have on students, faculty and the College. But the concern for quality teaching - and its priority in the University mission - remain steadfast.

"I would like to see us get to the point of evaluating teaching like research," Stimpson said. "When research is evaluated, we don't worry that the proposal is marked in red and needs resubmitting. We should be as open to constructive criticism and evaluation of teaching, but we have been reluctant to try. For all the fanfare for improving teaching, I'm still waiting for the day that teaching is equated equally with research. There's no question among any of us doing tenure and promotion evaluations truthfully that teaching does count but research is still the thing. If research is superb the teaching can be bland and the person will still get tenure and/or promotion. If only they could become equal." ▲



**Irv Kornfield**, professor of zoology, presented an invited paper: "Recent Findings on Methods to Separate Herring Stocks," at the Herring Science and Assessment Workshop, National Marine Fisheries Service, Portland, Jan. 21.

**Sandra Caron**, assistant professor of family relationships, has been the keynote speaker for Rape Awareness Week at Bowdoin College (Oct. 22), College of the Atlantic (Jan. 19), and Colby College (Jan. 20). The title of her talk: "Rape/Sexual Assault on the College Campus."

**Sandra Sigmon**, assistant professor of psychology, presented a paper: "Behavioral and Cognitive Styles of Coping: Implications for Depression?" at the Association for the Advancement of Behavior Therapy annual convention, Boston, Nov. 19-21.

**Michael Bentley**, chairperson, Department of Chemistry, served on the Africa Advisory Committee of the Council for International Exchange of Scholars (Washington, D.C.) Jan. 11-12. The Committee reviews all Fulbright scholar proposals from Sub-Saharan Africa for awards to visit U.S. institutions.

**Howard Patterson**, professor of chemistry, served as a member of an expert panel of reviewers for assessment of the U.S. Department of Energy Solar Photochemistry Research Program in Washington, D.C., Jan. 26-29.

**Richard Jagels**, professor and chair, Forest Biology, and **Jonathan Carlisle**, assistant scientist, Forest Biology, were invited to Halifax, Nova Scotia, Jan. 19-20, to participate in a planning meeting for a "Gulf of Maine Air Quality Study," an interagency research effort (NOAA, EPA, Maine DEP, University of Maine, New Brunswick and Nova Scotia Air Monitoring Departments) which will take place Aug. 13-Sept. 10.

Four full-time and several part-time faculty from the Dental Health Programs attended the Annual Yankee Dental Congress in Boston Jan. 20-23. From hundreds of programs available, faculty selected professional development courses in which to participate relative to areas of interest and expertise. All previewed the vast exhibit hall displaying the latest trends and technologies in the dental profession. Faculty attending include: Associate Professors **Dawn Bearor** and **Diana Graham**, Instructors **Diane Blanchette**, **Michelle Carlson**, **Ann Curtis**, **Cathy DiProffio**, **Anne Harris**, **Cindy McEwen**, and **Karen Packard**.

**Constance Hunting**, associate professor of English, was honored at an Authors' Luncheon at Westbrook College, sponsored by the Portland Symphony Orchestra's Women's Committee. Hunting spoke on her editing of selected papers from the May Sarton Conference of June 1992, which will be published under the title: *A Celebration for May Sarton*, early in 1994.

**Ann Schonberger**, director of the Women in the Curriculum Program and professor of developmental mathematics, presented a paper: "Leaks in the Pipeline: College Women's Persistence in Engineering and Physical Science from Entry to Graduation," Jan. 15 at the joint meetings of the American Mathematical

Society and the Mathematical Association of America in San Antonio.

Professor **Melvin Burke**, economics, presented a paper: "The Political Economy of NAFTA (North American Free Trade Agreement), the Global Crisis and Mexico," at an international symposium in Mexico City, Jan. 20-22. The symposium, "Beyond NAFTA: Financial Integration and Development," was sponsored by The Universidad Nacional Autonoma de Mexico.

**Robert Milardo**, associate professor of family relations, and **Renate Klein**, postdoctoral fellow and visiting research scientist, attended the annual meetings of the National Council on Family Relations in Orlando and presented a paper: "Dominance Norms and Domestic Violence: The Justification of Aggression in Close Relationships," and a paper with Marjorie Ulin (University of Texas): "Interdependence in Lesbian Relationships."

## Career Center

### NEW INTERNSHIP ANNOUNCEMENTS:

Sea World of Florida Camp Sea World Internships (Summer 1993 - Positions unpaid, but academic credit may be arranged) DEADLINE: March 15

WMTW, TV Channel 8 News Department Interns (Starting date and schedule are open - Positions unpaid, but academic credit may be arranged for a semester or longer) DEADLINE: As Soon As Possible

Connecticut Conference of Municipalities 12 Summer Internships in various departments (Summer 1993 - \$10.00/day stipend, academic credit may be arranged) DEADLINE: March 1

*The Boston Globe* Circulation, Advertising, and Accounting Interns (June 1-Labor Day, 1993 - \$450.00/Week) DEADLINE: March 5

The Peregrine Fund World Center for Birds of Prey Peregrine Falcon Hack Site Attendants (June, July or August - some last into September depending upon the starting date - \$900.00-\$1,000 depending on applicant's experience) DEADLINE: March 30

Summer Camp Employment Opportunity Booklet Comprehensive nationwide job listings for day and resident camps. Positions available for all majors. Detailed descriptions, salary ranges and employment benefits listed for some camps. DEADLINES: Vary

The Theatre at Monmouth Technical, Costume and Administrative Interns (Early June-Labor Day - Stipend, room and board provided) DEADLINE: March 1

### WELCOME TO REALITY

A two-hour seminar by Theodore Stanton, director of recruiting, John Hancock Financial Services

**6-8 p.m., Feb. 16, Bangor Lounges, Union**

Topics include:

What does it cost to live?

What am I worth?

How to conduct a job search - organizing, prospecting, call-mail-call  
Resume content - the employer's perspective

The job interview - assessment techniques, interview tips, "killer" questions  
Cover letters and thank you letters

**This seminar is a must for students planning to participate in the Maine Recruiting Consortium, and will be helpful to students in all majors. To attend, sign up at the Career Center, Chadbourne Hall, or call x1359.**





The Credit Union will be closed for business Feb. 15 to observe President's Day. The drive-up will reopen for business Feb. 16 at 7 a.m., lobby at 9 a.m.

Reminder: 1993 Presidential Research and Creative Achievement Award nominations are due March 23 in the Office of Research and Sponsored Programs, 26 Coburn Hall. The Award, in the amount of \$1,500, is made to a faculty member who has attained distinction in research or creative achievement. Each year, the Faculty Research Funds Committee makes nominations for the President's consideration, and the Award is made at the Honors Convocation. Nomination forms are available in the Office of Research and Sponsored Programs, 26 Coburn Hall, x1498, and in the offices of chairs and deans.

For parents whose children do not live with them: The first organizational meeting of a self-administered support group for parents who have lost primary residence of their children due to divorce or separation will be held Feb. 16, 4:45-6 p.m. at the Employee Assistance Program, 126A College Ave. The meeting is open to all employees as well as non-traditional students, and is FREE of charge. For more information, call the EAP Office, 581-4014.

Two funds have been established from Comprehensive Fee income for students and student organizations: the Non-Academic Travel Fund - \$2,000 and the Non-Academic Student Organization Activities Fund - \$3,000. The purpose of these two funds is to assist in underwriting the cost of University-related non-academic student travel and University-related non-academic student organization activities consistent with the stated purpose of the organization. Award decisions will be made based on the following criteria: 1) how individuals or proposals from organizations will aid the University of Maine; 2) what learning or benefit will be a direct result of the grant; 3) is there a commitment to share the benefits and experiences gained from this funding with other students, and how will this be accomplished; 4) are other sources of funding being used to assist with proposed expenses? Normally, awards will not exceed \$200 per individual and \$350 for groups, and the majority of awards may be for lesser amounts. Individuals and organizations will generally be ineligible for more than one week per semester. Students and/or student organizations seeking support must submit an application form, proposal, and a letter of endorsement from a member of the faculty or professional staff. Proposal review dates will be on or around March 4. Approximately one-fourth of the funds will be committed during each review. Ordinarily no funds will be approved to reimburse expenditures that occurred prior to the award decision date. Application forms are available in the Student Activities Office, Union, x1793.

**All members of the University community are encouraged to send notices of professional accomplishments for inclusion in Maine Perspective.**

We, the community members of Indian Township and Indian Island, write this letter to generate support and create understanding for Stephanie Mitchell. Stephanie is a 7-year-old child who was born with a congenital birth defect called Short Gut Syndrome, (at birth the intestines were located on the outside of her body). Currently Stephanie has only 5 percent of her small intestine.

Over the previous years Stephanie has had multiple operations to correct the physical problems that arise from this unique problem. She is required to be on an IV a minimum of 12 hours a day, when she is well. What has been the presenting problem with Stephanie's condition is that her body continually rejects the IVs after having been implanted on an average of six months.

The situation is quite complex in nature being that the medications and nutrients needed to help her function are so highly concentrated that they have damaged her liver, spleen and pancreas. Because the IV is a foreign object and is rejected by her body, the locations are constantly being changed from one artery to another. These changes have been made so often there is no longer any useable arteries left. Now they are resorting to using smaller multiple veins.

The short time each IV was used, what is now happening with her veins, and her deteriorating physical condition have required the medical people to speed up the process of correcting her illness. As previously mentioned, Stephanie needs to have multiple transplants of liver, spleen, pancreas, and small intestine.

As I write this letter Stephanie is in surgery having an IV removed. This IV was considered to be the last available location on her body.

The overall problem with this process is that it is considered experimental and her current health insurance policy has ridered out coverage of the actual operation. It currently covers some medical costs but coverage is minimal at best. Because of the problems listed above the doctors have indicated that Stephanie should now go for tests in Pittsburgh to determine suitability for new organs.

Pittsburgh Childrens Hospital will allow the suitability testing to be completed, but will not allow the surgery to take place until they receive a \$500,000 deposit, which the family does not have.

It is the community support group's goal to assist in writing letters of request for financial assistance and develop programs of contribution.

Any agency or persons interested in making a contribution to the Stephanie Mitchell Benefit Fund may make their donations directly to: The Pittsburgh Childrens Hospital, c/o Diane Sedor, Financial Representative, Pittsburgh, PA 15213, Telephone (412)692-5628. There is also a Local Support Fund to assist immediate family members for travel and living expenses: Stephanie Mitchell Benefit Fund, c/o Frances Frey, P. O. Box 635, Princeton, ME 04668, account #8070072970.

Anyone interested in further information may contact Mark Mitchell, (207)827-0019, or Frances Frey, (207)796-2812.

All donations are greatly appreciated. Thank you.

*Editor's Note: Stephanie Mitchell is the granddaughter of Matthew Mitchell, Electrical Shop, Facilities Management, and the grandniece of Ted Mitchell, associate dean of Student Services.*





Maine Perspective classified ads are published weekly and are free to faculty, staff and students at the University of Maine. Ads must be typewritten and include a telephone number. They will be published one week only unless otherwise specified. Send ads to: Maine Perspective Classifieds, Public Affairs. Ads must be received by 9 a.m. the Friday before they are to appear in the next week's issue.

#### FOR SALE

**AUTOMOBILE:** 1979 Mazda RX-7, 2-door sports coupe, strong running rotary engine, peppy 5-speed, gold in color, new tires and new engine upgrade with low miles. Nice stereo with four speakers. Nice car for \$1,500 or best offer. Call Chris evenings, 827-6312, or 827-0125.

**AUTOMOBILE:** 1984 Buick Century for parts. Call 732-5261.

**AUTOMOBILE:** 1983 Volvo, 760 GLE turbo diesel. Air conditioning, leather, 6-speaker stereo with equalizer/sound effect, cruise control. Two-position power sunroof. All power. Never in snow (California license). Very clean in/out. Black. \$4,400. Phone 581-2853 or 827-2806.

**MOBILE HOME:** 1981 14 x 64, two-bedroom, one bath, appliances. Birch Hill Estates, Bangor. \$17,900. Call 942-0375.

**MOBILE HOME:** \$2,000 cash back! 1985 Liberty - 14 x 65. Excellent condition, two bedrooms, all major appliances, deck, vinyl skirting. In local part 12 miles from UM campus. Call 296-2868.

**MOBILE HOME:** 14 x 70 1982 Oxford Mobile Home in Sunset Park. Two bedrooms, excellent condition. Must see! \$18,900. Call 827-8312.

#### SERVICES

**BRUNCH SPECIAL:** The Lucerne Inn is offering a Sunday brunch special to all faculty, staff and students. Sunday brunch is \$11.95 per person. Tell them "Rob sent you" and get two for the price of one. Brunch includes all you can eat scrambled eggs, bacon, baked stuffed haddock, chicken cordon bleu, quiche, kugel, two "surprise" dishes. Brunch is served every Sunday, 10:30 a.m.-2:30 p.m. Reservations for parties of 10 or more recommended.

**COUNSELING FOR COUPLES:** The Personal Growth and Development Center offers counseling for couples by graduate student counselors under supervision. \$25 per semester. Call 581-2499.

**HOME DECOR/CRAFTS:** Consultant with expertise in era or theme decor. Extremely talented crafts artisan with over 10 years professional experience. Full range - from floor design stenciling to decorating baskets to making curtains and lampshades, and everything in between to enhance the mood and value of your home. Call 732-5261.

**MIDWEEK RETREAT:** The Lucerne Inn is offering two Midweek Retreat packages, and a Friday Night Package. Midweek Package #1 - Bed and breakfast for two, \$39.95 per room. Midweek Package #2 - Candlelight dinner for two plus bed and breakfast, \$59.95 per couple. Friday Night Package - Candlelight dinner for two plus bed and breakfast, \$69.95 per couple. These special rates available to faculty, staff and students by saying "Rob sent you." Prices do not include taxes, gratuities, alcoholic beverages, appetizers. Offer expires Feb. 28. Call for reservations, 843-5123 or 800-325-5123.

**PERSONAL GROWTH GROUP:** A spiritual growth experience for men, an interfaith experience led by facilitator and educator Don Bruce. Open to all ages meeting weekly for eight sessions beginning Feb. 25, 6:30-8:30 p.m., Wesley Room, Orono United Methodist Church, Oak Street, Orono. \$15/session or \$110 for eight sessions if paid in advance by Feb. 18. For more information, call 866-4717.

**TYPING:** You name it, I'll type it. Reasonable rates and fast service. Call Barbara, 581-3264.

**TYPING:** Term papers, dissertations, resumes, correspondence, etc. Reasonable rates and prompt service. Call Charlene, 581-1490 or 862-5636 after 5 p.m.

**TYPING:** Theses, dissertations, technical papers, and term papers. Resumes and cover letters. Proofreading, research etc., by the hour or by the job. Two years professional experience. 581-2188 (8 a.m.-noon) or 989-3433 (after 12:30 p.m.) for appointment.

**TYPING:** Computer and typing work at home - word processing such as theses, resumes and letters. Pick up and delivery. Call 989-3172.

#### FOR RENT

**APARTMENT:** Two-room efficiency, Bangor, centrally located, heat, cozy, parking, storage, no pets. Good references a must. \$285/month. 942-6078.

**APARTMENT:** Two-bedroom, modern, ideal location, downtown Orono. Available January. \$500/month. Call 866-5976.

#### WANTED

**SLIDE PROJECTOR:** Kodak carousel. Must be in good working condition. Call 866-4089.

#### LOST AND FOUND

**PRESIDENTIAL ACADEMIC ACHIEVEMENT PIN:** Found four-six weeks ago at Fernald Snack Bar. To claim, call 581-1404 and ask for Victoria.

## Publications



**Lewis Boobar**, doctoral student in biological sciences, and B.W. Collier, V.B. Solberg, and M.W. Brown: "A Fabric Body Light Trap for Sampling Mosquitoes," *Journal of the American Mosquito Control Association*, 8(4):413-415 (1992).

**Robert Milardo**, associate professor of family relations, and Barry Wellman, University of Toronto: "The Personal Is Social," *Journal of Social and Personal Relationships*, Vol. 9, pp. 339-342.

**Doug Allen**, professor of philosophy, review of Tariq Ali *Revolution From Above: Where is the Soviet Union Going?* in *Southern Humanities Review*, Vol. 24 (Fall 1992) pp. 361-363.

**Robert Milardo**, associate professor of family relations: "Comparative Methods for Delineating Social Networks," *Journal of Social and Personal Relationships*, Vol. 9, pp. 447-461.

**Robert Klose**, assistant professor of biological science: "Electron Microscopes," *Magill's Survey of Science: Applied Science*, Frank N. Magill, Ed. (January 1993).

*Did You Know?* poems by Deborah Pease, and *An Old Pub Near the Angel*, stories of Glasgow by James Kelman, have recently appeared from Puckerbrush Press, of which **Constance Hunting**, associate professor of English, is editor and publisher.

**Doug Allen**, professor of philosophy, review of Mac Linscott Ricketts *Mircea Eliade: The Romanian Roots, 1907, 1945*, two vols., in *Journal of the American Academy of Religion*, Vol. 60 (Spring 1992) pp. 174-177.

**Alan Rosenwasser**, associate professor of psychology, and **Lonnie Plante**, former graduate student: "Circadian Activity Rhythms in SHR and WKY Rats: Strain Differences and Effects of Clonidine," *Physiology and Behavior*, Vol. 53 (1993) pp. 23-29.

**Tsutomu Ohno** and **M. Susan Erich**, assistant professors of plant and soil chemistry: "Incubation-derived Calcium Carbonate Equivalence of Papermill Boiler Ashes Derived from Sludge and Wood Sources," *Environmental Pollution*, 79:175-180 (1993).

**Robert White**, director of Continuing Education and Summer Session, and **Barbara Howard**, academic advisor, CED and Summer Session: "A National Study of Non-Matriculating Student Policies and Procedures," *Continuing Higher Education Review*, Vol. 56, No. 3 (Fall 1992) pp. 173-178.

### GRADUATE RESEARCH ASSISTANTSHIPS FOR 1993-1994 UM CENTER FOR MARINE STUDIES

As part of its commitment to marine studies, the University of Maine seeks to matriculate and retain excellent graduate students in various aspects of marine studies. Therefore, several research assistantships will be available for students wishing to enter or continue graduate studies in any marine program at the University. Assistantships will be awarded for one year with potential renewal for one additional year. The stipend from the Center for Marine Studies is \$8,100 for nine months; the Center will also pay tuition. Nominations may be made by graduate faculty members serving as major advisors to students focusing on marine studies who will be enrolled in regular graduate degree programs during the fall semester 1993. The deadline for nominations is Feb. 22. For additional information and nomination forms, contact Kathy Carson in 14 Coburn Hall, x1435.

## Maine's Experiment Station: A Unique State Resource

Someone from the outside looking in quite often misses some of the picture without knowing it. Misconceptions and just plain wrong impressions are most often the result. With that in mind, it is easy to understand how those outside the academic community have come to view it as being narrowly focused and without clear direction. Often, people express the perception that, within the academic environment, most faculty and staff have singular roles within departments that have one central focus, their academic discipline, and with a primary, clearly defined mission, to teach.

Academics dispute such a simplistic view, pointing out that they must maintain a program of research or scholarly activity to remain current in their disciplines, and, at a land-grant university such as UMaine, there is an expectation to perform a public service role. A number of different institutes and centers of study have formalized this multifaceted aspect of university life along lines of common interest such as the oceans, the arctic, forests and the properties of nature itself. Even within this model of cooperative research and common interest, Maine's Agricultural Experiment Station is unique.

The Maine Agricultural Experiment Station traces its roots back to early agricultural experiments conducted at the college farm, years prior to the 1868 arrival of students and faculty in Orono. Rather than be focused on a single discipline or aspect of scientific exploration, its mission remains rooted in the needs of its primary constituency, the people of Maine. But, within a university structure, to accomplish its goals, the Station must overcome some unusual circumstances.

To conduct its work, the Station must borrow the time of qualified researchers from their academic departments. With these split appointments, the Station shares nearly all of its key personnel with someone else and may be forced to compromise its own goals because of this job-sharing circumstance. Its remote research sites, the farms, must be maintained year-round and are forced to meet research mandates that may affect production success and/or revenues.

All of this, its multimillion dollar budget, hundreds of people, multiple farm sites, multiple federal and state mandates, regulations and reporting requirements that translate into mountains of paperwork, is administered by only seven people, and only four of them work full-time for the Station. The remaining three split their time between Station and College of Applied Sciences and Agriculture tasks.

Maine's Station manages the largest amount of research expenditures in New England, with the second smallest administrative staff. Only New Hampshire has fewer people managing a research program that, last year, had research expenditures that were less than half those of MAES. At the same time, Experiment Station scientists are expected to seek external funding for projects from which very, very few claim any personal gain, and from which they must make all of their results public, open to anyone who could financially benefit.

In, what some might find a curious circumstance, that's the way it's supposed to work. Multimillion dollar developments take place in Maine's food and fiber economy thanks to individuals who almost never profit from that success. A state experiment station is just that, a state resource.

Maine's Experiment Station is here to do research that, in many cases, no one else would want to do because there's nothing in it for them. What company does research to find ways for its consumers to use less of their products? In essence, MAES does. For example, Station scientists are involved in numerous projects with outcomes that are likely to result in fewer tons of agri-chemicals being used. While such research is likely to result in less product sold, it is also likely to result in there being less pressure on our already stressed environment, its groundwater and soils.

Maine's Experiment Station is here to do research that no one else within its state can do. Maine's small businesses could not hope to provide the millions of dollars that would be needed to build and maintain research and development centers, and the product safety and testing laboratories that would be required to meet their individual needs. Yet, many manufacturers now have new products with great consumer acceptance thanks to the efforts of Station scientists. Microwaveable french fries and blueberry raisins are just two recent examples, and consumers may soon see new high fiber flours and baked products made from Maine potato skins. Here multiple industries benefit. Potato processors find a profitable way to dispose of a waste product and anyone producing baked products can provide new items to more health-conscious consumers.

Maine's Experiment Station is also here to do research that has no particular agenda, no specific constituency other than all of Maine's people and the natural environment that makes living here so special. Among many different areas, Station research assists Maine's policymakers in: (1) finding solutions to land-use questions, (2) addressing wildlife habitat preservation needs, (3) balancing water quality and agricultural development questions, (4) understanding the real impacts of a tourism-based economy. In addition, Station scientists are at the other end of the telephone or fax machine when a state legislator or state administrator needs an experienced viewpoint to help put issues in perspective.

Maine's Experiment Station is unlike any other institution affiliated with its landlord, the University of Maine and its System trustees. Yet, MAES and the University System hold one key factor in common and it must overshadow all other considerations. Both are here for the people of Maine. Neither has a greater constituency or responsibility. The tasks they perform to support that mission may be different, but in the end, that is the only reason either one exists.

*Michael Gross is the communications specialist for the Maine Agricultural Experiment Station.*



**North Atlantic Treaty Organization** supports research collaboration by scientists in different NATO member countries. Awards cover travel and living expenses abroad during reciprocal visits. Deadlines: March 31, Aug. 15, Nov. 30.

**U.S. Institute of Peace** makes grants for research, education, training, and the dissemination of information on international peace and conflict resolution. Awards are made across a broad range of disciplines and approaches. Deadline: April 1.

**National Science Foundation's** Directorate for Education and Human Resources, as part of a comprehensive effort to improve the education and career representation of women and girls in science, engineering, and mathematics, invites proposals to two new programs. Model Projects for Women and Girls promise significant and immediate changes (April 19 deadline). Experimental Projects develop and test comprehensive models for long-term changes in infrastructure (proposals due July 1).

**U.S. Department of Education's** Innovation in Education grants support projects to identify and disseminate innovative approaches to K-12 education. FY93 priority: design, development, and implementation of approaches for helping all students reach high standards of achievement in core subjects. Deadline: April 30.

**Agency for Health Care Policy and Research** invites applications for short-term research to assess key cost and financing issues that underlie efforts to reform the health care system. Investigators are encouraged to propose strategies that avoid primary data collection efforts. Research priorities: demand for health insurance, managed and coordinated care, health insurance reforms, and the role of information in health care decisions.

**David and Lucile Packard Foundation's** Center for the Future of Children makes grants for research, demonstration and evaluation, or policy analysis in the areas of pregnancy and birth outcomes, outcomes of medical interventions, access to health care, and child care and early childhood education.

For more information, call Research & Sponsored Programs, x1476.

## TELECOM TIDBIT

### Does this sound familiar?

You receive a call which you want to transfer to another extension. You initiate the transfer to the intended extension but he/she is not in their office and the call goes into their voice mailbox. You want to get the caller back and stop the call from going to voice mail.

Here's what you do:

1. Press the Conference key and dial the extension you are transferring the call to.
2. IMPORTANT: While the phone is ringing DO NOT press the conference key again (once you press the conference key the second time you have completed the transfer and cannot get the call back). Once you hear the voice mail come on, immediately press the release key. The call will still be on hold on your line. Just press your line key and you will be reconnected to the caller.

If you have any questions about this procedure, please call the Help Line, x1610.

Please send any questions you would like addressed in this column to: Robin Wentworth, Telecom, Neville Hall.

**SURPLUS SALE:** The University of Maine offers for sale, on an as-is where-is basis, the following: (42) B&L COMPOUND MICROSCOPES, monocular, 10x, 43x, with condenser and mirrored light, 3 @ \$35 each, 39 @ \$45 each; (15) DISSECTING MICROSCOPES, binocular, low magnification, \$15 each; (6) IBM AND ZENITH COMPUTERS, THESE ARE all old "8088" machines with mono monitors and dual floppies, \$50 - \$80 each; (6) IBM AND ZENITH MONITORS, monochrome, some working, some not, FREE to \$35; (3) NEC P2 PRINTERS, with tractors, \$50 each; (2) TELEVIDEO 925 TERMINALS, \$20 each; (1) MODEM, 1200 baud, \$10; (1) H.P. LASER JET II MEMORY, 2MB, brand new, \$100; (1) MAC SE COMPUTER, 2 MEG, dual floppy, mono monitor, \$400; (1) "COKE" CHEST-TYPE COOLER, refrigerated, 16" x 30" x 30" high, \$75; (1) KODAK LC-500 VIDEO PROJECTOR, excellent condition, \$1000; (1) XEROX 625 MEMORYWRITER, w/47 ribbons, \$150; (2) MAC PLUS COMPUTERS, 2.5 MEG, 32 MB external drive, \$550 each; (1) DISKETTE TRAY, \$5.

Off-campus inquiries are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For further information contact Ron Logan, Purchasing Department, 581-2692.

## What's Ahead

### MULTIMEDIA: HOW DOES IT REALLY WORK

A National Videoconference

February 23

Maine Perspective



University of Maine  
Maine Perspective  
Department of Public Affairs  
Orono, Maine 04469